

## **Appendix E**

### **Public Meeting Notice, Outline, and Information**



# Hallsdale-Powell Utility District

*Great water for our growing communities.*

February 14, 2002

Mr. Scott Ledford  
Tennessee Valley Authority  
2009 Grubb Road  
Lenoir City, TN 37771

Dear Scott:

I wanted to thank you for the help you provided at the public meeting last month for the proposed intake facility on Melton Hill Lake. We were pleased to see that so many residents attended the event to take advantage of the opportunity to voice their comments about the facility.

Hallsdale-Powell Utility District has distributed follow-up letters to each citizen who attended the meeting, along with an additional public comment form. We've encouraged them to complete the forms and submit them to TVA prior to the Feb. 15 deadline. In addition, we will be sending a copy of the sound study to the three residents who requested it.

Thank you again for your participation in the meeting. Please call me at 922-7547 if Hallsdale-Powell Utility District can be of assistance during this review and evaluation period.

Sincerely,

Marvin Hammond  
General Manager  
Hallsdale-Powell Utility District



**Hallsdale-Powell  
Utility District**

*Great water for our growing communities.*

**TO:** Rick Toennisson  
**FROM:** Marvin Hammond  
**DATE:** March 15, 2002  
**RE:** **Melton Hill Intake Facility - Public Meeting Report**

---

This report memo outlines a compilation of public materials assembled for use prior to, on and after the January 24, 2002, public meeting regarding the Melton Hill Intake Facility.

Attachments to this memo, include copies of:

- Letter of response from Hallsdale-Powell Utility District to the Tennessee Valley Authority qualifying questions regarding the Melton Hill Intake Facility
- Newspaper advertisement regarding public meeting
- January 24, 2002, meeting agenda
- Public participation guidelines for a public meeting
- Meeting sign-in sheet
- "The Sound Meter" meeting handout
- Typed transcript from the January 24, 2002, Melton Hill Intake Facility public meeting
- Thank you letter to public meeting attendees

An audio-cassette tape of the meeting is available for duplication upon request. Should you have any further questions or needs, please call me at (865) 584-0550. Thank you.

June 14, 2001

Scott Ledford  
Tennessee Valley Authority  
Melton Hill Management Office  
2009 Grubb Road  
Lenoir City, TN 37771

Dear Mr. Ledford

I have responded to questions that you raised to the proposed intake for Hallsdale Powell Utility District.

1. Number of gallons per day will be used.  
Initially there will be 6 - 7 million gallons per day. The projections for the intake at the maximum withdrawal will be 20 million gallons per day. The existing intake will be taken out of active service, but will be used once every two months or so for to exercise the pumps. It will be used as a back-up should something happen to the new intake
2. Size of screen at the end of pipe.  
The screen is 4 feet in diameter and 6.5 feet long. The length includes a bullet nose protector to keep debris from fouling the screen
3. The amount of suction that this pump will create.  
The pump should create no suction. There will be a draw-down of 1 foot in the wet well, but in the channel there will be little discernable difference. The reason for this is the volume of the reservoir vs. the volume that is being withdrawn.
4. Warning Signs - Size and placement.  
Those will be placed in accordance with your specifications. We are planning warning signs at the intake itself along with a buoy over the screen location. In order to clean the screen, a manual backflush operation will be performed. A warning horn as well as outside spotlights illuminating the screen area will be installed.
5. Power Source  
Power will come from Clinton Utilities Board. The 3 - 1000 HP motors will use a 2300 volt service. We are also investigating TVA as a secondary source of power or an emergency generator.
6. Hours of operation.  
Operation will be twenty four hours, not continuously, but whenever demands occur at the treatment plant
7. Minimum water depth pump can function.  
The low pool for the reservoir is elevation 790 MSL. The suction of our pump will be at nearly elevation 783.7. This gives our pumps 6.3 feet of water and allows us to meet the minimum submergence as well as the Net Positive Suction Head requirement recommended by the pump manufacturer to avoid vortex and suction problems
8. Length of pipe  
There will be a total length of 270 feet from our property line. Of that, 87 feet will be out of the ground and exposed in the channel
9. Method of Anchoring pipe.

Pipe will be anchored with concrete supports placed every 20 feet apart in the exposed section. These anchors will have foundations that extend into the lake bottom at sufficient depth to provide support. Each support will be secured by threaded bolts and a plate over the top of the pipe section

10. Operation signs of schedule of suction.

Because of the passive nature and indeterminate demand schedules from the plan, we will have no set schedule. We do plan to have warning signs posted in accordance with TVA specifications regarding the location of underwater intake structures.

I hope this answers the questions that you may have regarding the new intake. We believe this to be a vital project for the long-term success of the district as it will improve the ability of Hallsdale Powell to serve its customers with the quantity and quality of water that the future requires.

Sincerely,

Robert G. Campbell, PE

**95 Legals**

**PUBLIC NOTICE**

**Tennessee Valley Authority  
Melton Hill Reservoir**

January 8, 2002

**Proposed Action:**

Hallsdale Powell Utility District (HPUD), a public utility serving 23,000 customers in North Knox County as well as parts of Anderson and Union County, requests a 26a permit from TVA to allow for construction and operation of a new raw water intake facility.

**Location:**

Located near the New Henderson Road Bridge over Bull Run Creek at River Mile 2 of Bull Run Creek on the Melton Hill Reservoir. The site is on the entrance of Bull Run Creek embayment of Melton Hill. The current land use is zoned agricultural, with no homes present.

**Description:**

HPUD is proposing to build a raw water intake consisting of an intake structure and piping which extends into the lake along the bottom channel. The structure will be approximately 30 feet wide by 40 feet long and 10 feet high measured from the ground. The structure will be made of poured in place, naturally tinted concrete with a stone pattern. All excavation for the piping, as well as the structure, will take place inside the limits of a temporary cofferdam. Once construction is completed, the shoreline will be remediated to its original condition.

The intake will initially take 8 million gallons per day from the embayment and have a future capacity of 22 million gallons per day. It will allow HPUD to continue its excellent record of providing a safe potable water supply to the customers it serves. The facility will have two 800 horsepower motors with capacity for a third. A noise level study will be evaluated in the review process.

TVA will evaluate the environmental impacts and benefits of the proposed action and is seeking input before deciding if the 26a permit should be approved or denied. TVA is also seeking to identify other issues in accordance with the National Environmental Policy Act (NEPA) and National Historic Preservation Act (NHPA).

**Comments:**

Comments are encouraged and will be utilized to make a decision regarding the proposed Hallsdale Powell Intake. Comments can be made in person at the Public Hearing to be held on January 24, 2002 at the Claxton Elementary School cafeteria from 5:30 p.m. till 7:30 p.m. Written comments must be received on or before February 15, 2002. These comments will be used in preparation of the final environmental assessment and should be directed to:

Mr. Scott Ledford  
2009 Grubb Road  
Lenoir City, TN 37771  
wsledford@tva.gov  
865/988-2443

**Agenda  
Melton Hill Intake Facility  
Public Meeting**

- I. Introductions** **Dan Hurst**
- a. Marvin Hammond, general manager, HPUD
  - b. Darren Cardwell, director of engineering and operations, HPUD
  - c. Robert Campbell, Jr., engineer, Robert Campbell and Associates
  - d. Rick Tennison, TVA
  - e. Bud Gilbert, HPUD legal counsel
- II. Meeting Format** **Dan Hurst**
- a. Presentation by Mr. Hammond
  - b. Presentation by engineers
  - c. Q&A Process
  - d. Meeting will adjourn by 6:30 p.m.
- III. Purpose of Project** **Marvin Hammond**
- a. The need for a water intake facility
  - b. Why at Melton Hill?
  - c. Benefits for Anderson and Knox County Residents
- IV. Description of Project** **Darren/Robert**
- a. Location on property
  - b. Description of building
  - c. Aesthetic enhancements
  - d. Description of water intake process
  - e. Technical details -- # of gallons of water from Beaver Creek embayment
  - f. Methods utilized to reduce sound emissions
  - g. Other considerations?
- V. Question and Answers** **Dan to facilitate – Marvin/Darren/Robert to answer**

# **RS GUIDELINES: public participation**

## **11.6.1 PUBLIC MEETING (Sample Agenda)**

### **I. Welcome (Host, Moderator, or Meeting Officer)**

- Welcome all guests; thank them for coming.
- Thank school principal for use of facilities.
- Acknowledge/recognize local dignitaries.
- Describe meeting purpose (e.g., to solicit comments from the public on the draft EA, or on the project in general, as a part of the environmental review process under NEPA).
- Remind all guests to register—offer registration cards to any that failed to register.

### **II. Introductions (Host, Moderator, or Meeting Officer)**

- Introduce the Hearing Officer.
- Introduce the Moderator.
- Introduce other key TVA staff that will be participating.

### **III. Statement on Behalf of TVA (Hearing Officer)**

- Summarize the proposed action by TVA.
- State the decision before TVA.
- If appropriate, note that TVA has prepared (or will be preparing) a draft NEPA document and will not make a final decision until completion of that document and until all public comments have been reviewed.
- Mention any other important facts about the meeting.

### **IV. Statement of Ground Rules for Speakers (Moderator)**

- All comments will be recorded by a court stenographer for the public record, so speakers should use the microphone and state their names before making their comments.
- Participants will be speaking in the order of registration.
- Speakers should identify themselves for the administrative record. (However, avoid having people provide information other than their names, as group alienation can occur.)
- Time limit per speaker is (5) minutes (time could be less depending on the number of attendees); please relinquish the floor when the moderator indicates with a tap on mic that time has expired.
- Speakers may not yield the remainder of their time to another.
- Moderator will inform the next speaker of upcoming turns.
- The meeting is scheduled to conclude at (9:00). However, staff will remain as long as necessary after the meeting to hear comments not heard during the meeting.
- Respect the opinions of others. Each person deserves the right to speak without interruptions.
- (Optional, depending on the situation) In order to allow guests to speak, officials on the podium will not respond to questions directly from the floor.



TVA staff will be available during the meeting (in another room) and/or after the meeting to answer questions.

**V. Introduction of the Public Speakers in Order of Registration (Moderator)**

**VI. Closing (Hearing Officer)**

- Thank audience for attending and for their comments/concern.
- Tell audience TVA will take these comments into consideration.
- State that a transcript of the meeting is available upon request (optional).
- Note that TVA staff will be available immediately following the meeting for any questions.
- Adjourn the hearing.

URL: [insidenet.tva.gov/org/resource/steward/guide/Public\\_Participation/11\\_6\\_1.htm](https://insidenet.tva.gov/org/resource/steward/guide/Public_Participation/11_6_1.htm)

## The Sound Meter

The following information was gathered from the Web site of The National Institute for Occupational Safety and Health (NIOSH), which is the Federal agency responsible for conducting research and making recommendations for the prevention of work-related disease and injury. The NIOSH is a function of the National Center for Disease Control.

The NIOSH developed this Sound Meter to demonstrate a noise-level comparison among common, everyday sounds to which the average person is exposed. You can find this information by visiting [www.cdc.gov/niosh/noise/hp194.html](http://www.cdc.gov/niosh/noise/hp194.html).

Weakest Sound Heard By the Average Ear	0 dB
Whisper	30 dB
Normal Conversation	60 dB
Ringling Telephone	80 dB
Hair Dryer / Power Lawn Mower	90 dB
Belt Sander	93 dB
Tractor	96 dB
Hand Drill	98 dB
Impact Wrench	103 dB
Bulldozer	105 dB
Spray Painter	105 dB
Continuous Miner	108 dB
Chain Saw	110 dB
Hammer Drill	114 dB
Pneumatic Percussion Drill	119 dB
Ambulance Siren	120 dB
Jet Engine at Takeoff	140 dB
12-Gauge Shotgun	165 dB
Rocket Launch	180 dB
Loudest Possible Tone	194 dB

Melton Hill Water Intake Facility  $\leq 55$  dB\*

\* at the property line based on TVA requirements as stipulated by Mr. Jay McFeters, TVA. (See the cover memo of the sound study.)

JUN 20 2002



ROBERT G. CAMPBELL & ASSOCIATES, L.P.

7523 TAGGART LANE  
KNOXVILLE, TN 37938  
(865) 947-5996  
FAX (865) 947-7556  
e-mail: rgcampb@aol.com

June 18, 2001

Mr. Scott Ledford  
Melton Hill Land Management Office  
2009 Grubb Road  
Lenoir City, TN 37771

Re: Hallsdale Powell Utility District  
Proposed Raw Water Intake  
Melton Hill Reservoir  
River Mile 2± - Bull Run Creek

Dear Mr. Ledford:

I am forwarding a summary of the different sites we studied for our raw water intake. Some of the sites had more study done than others as some of the locations did not meet our criteria very well.

If you need more information, please contact me and I can send it your way.

Sincerely,

Robert G. Campbell  
Robert G. Campbell & Associates

RGC:md